



T. W. Withers 652
9.4.01
Amendment #7

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Technology Center 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Jing Gui

Appln. No.: 09/761,348

Filed : January 16, 2001

For : PRESSURE RELIEF TRENCHES FOR
SLIP HEADS TO REDUCE STICTION

Docket No.: S01.12-0695

Group Art Unit: 2652

Examiner: R. Tupper

AMENDMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

27 DAY OF August, 2001.

PATENT ATTORNEY

Sir:

This Amendment is in response to the Office Action
mailed on July 6, 2001. Please amend the above-identified
application as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning at Page 8, Line 29 and
ending at Page 10, Line 5 with the following:

B1
The stiction force 114 of the slider 110, 112 relative
to the disc surface was measured for each rotation direction. As
shown, the stiction 114-1 for slider 110 in the forward rotation
direction was significantly less than the stiction 114-2 measured
in the backward rotation direction. Similarly, the stiction force
114-3 for slider 112 in the forward direction was significantly
less than the stiction force 114-4 measured in the backward
rotation direction. The large discrepancy in stiction is
attributed to an increase meniscus 106 introduced by the slider
tipping as illustrated in FIG. 5 when the slider was subjected to
a backward rotation direction of the disc prior to stiction
measurement so that the friction force drives the slider towards
tipping.

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